

## **FIGURE 1**

CAGTTTCTTCATCTGTAACATCAAATGAATAATAATACCAATCTCCTAGACTTCATAAGA  
GGATTAACAAAGACAAAATATGGGAAAACATAACATGGCGTCCCATAATTATTAGATCT  
TATTATTGACACTAAAATGGCATTAAAATACCAAAAGGAAGACAGCATCTGTTCTCT  
TTGGTCCTGAGCTGGTAAAAGAACACTGGTTGCCTGAACAGTCACACTTGCAACCAG  
**ATG**CCTAAACATTGCTTCTAGGCTTCCTCATCAGTTCTTCCTTACTGGTGTAGCAGGA  
ACTCAGTCACGCATGAGTCTCTGAAGCCTCAGAGGGTACAATTTCAGTCCCAGAATT  
CACAAACATTGCAATGGCAGCCTGGGAGGGCACTTACTGGCAACAGCAGTGTCTATT  
GTGCAGTACAAAATCATGTTCTCATGCAGCATGAAAAGCTCTCACCAGAAGCCAAGTGG  
TGCTGGCAGCACATTCTTGTAACTTCCCAGGCTGCAGAACATTGGCTAAATATGGACAG  
AGACAATGGAAAATAAAGAAGACTGTTGGGTACTCAAGAACTCTTGTGACCTTACC  
AGTGAAACCTCAGACATACAGGAACCTTATTACGGGAGGGTGAGGGCGGCCTCGGCTGG  
AGCTACTCAGAATGGGAGCATGACGCCGCGTTCACTCCCTGGTGGAAACAAAATAGAT  
CCTCCAGTCATGAATATAACCCAAGTCAATGGCTTTGTGGTAATTCTCATGCTCCA  
AATTTACCATATAGATACCAAAAGGAAAAAAATGTATCTATAGAAGATTACTATGAAC  
CTATACCGAGTTTATAATTAACAATTCACTAGAAAAGGAGCAAAAGGTTATGAAGGG  
GCTCACAGAGCGGTTGAAATTGAAGCTCTAACACCAACTCCAGCTACTGTGTAGTGGCT  
GAAATATATCAGCCCATGTTAGACAGAAGAAGTCAGAGAAGTGAAGAGAGATGTGGAA  
ATTCCA**TGA**CTTGTGGAATTGGCATTCAAGCAATGTGGAAATTCTAAAGCTCCCTGAGAA  
CAGGATGACTCGTGTGTTGAAGGATCTTATTAAAATTGTTGTATTCTAAAGCAA  
TATTCACTGTTACACCTGGGGACTCTTGTGTTATCCATTCTTTATCCTTATTT  
ATTGTAAACTATATTGAACGACATTCCCCCGAAAAATTGAAATGAAAGATGAGGCA  
GAGAATAAAGTGTCTATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

## **FIGURE 2**

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></usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA145887
><subunit 1 of 1, 262 aa, 1 stop
><MW: 30419, pI: 8.44, NX(S/T): 5
MPKHCFLGFLISFFLTGVAGTQSTHESLKPQRVQFQSRNFHNILQWQPGRAUTGNSSVYF
VQYKIMFSCSMKSSHQKPSGCWQHISCNFPGCRTLAKYQQRQWKNKEDCWGTQELSCDLT
SETSDIQEPYYGRVRAASAGSYSEWSMTPRFTPWWETKIDPPVMNITQVNGSLLVILHAP
NLPYRYQKEKNVSIEDYYELLYRVFIINNSLEKEQKVYEGAHRAVEIEALTPHSSYCVVA
EIYQPMLDRSQRSEERCVEIP
```

**Important features of the protein:**

**Signal peptide:**

Amino Acids 1-20

**N-glycosylation sites:**

Amino acids 55-59;165-169;170-174;191-195;208-212

**N-myristoylation sites:**

Amino acids 17-23;20-26;220-226

### **FIGURE 3**

TGAAATGACTTCCACGGCTGGGACGGAACCTCCACCCACAGCTATGCCCTGATTGGTGA  
ATGGTGAAGGTGCCTGCTAACTTTCTGAAAAAGAACGAGCTGCCTCAGGCAGCCAGCC  
CTCAAGCATCACTTACAGGACCAAGAGACATGACTGTGATGAGGAGCTGCTTCGC  
CAATTAAACACCAAGAAGAATTGAGGCTGCTGGAGGAAGGCCAGGAGGAACACGAGACTG  
AGAG**ATGA**ATTTCAACAGAGGCTGCAAAGCCTGTTAGCCAGACCCCTTGCCCTC  
CTTGCTGGCGACAGCCTCTCAAATGCAGATGGTTGTGCTCCCTGCCTGGGTTTACCCCTG  
CTTCTCTGGAGCCAGGTATCAGGGGCCAGGGCCAAGAATTCACTTTGGGCCCTGCCAAGT  
GAAGGGGGTTGTTCCCCAGAAACTGTGGGAAGCCTCTGGGCTGTGAAAGACACTATGCAAG  
CTCAGGATAACATCACGAGTGCCCGCTGCTGCAGCAGGAGGTTCTGCAGAACGTCTGGAT  
GCTGAGAGCTGTTACCTGTCACCCCTGCTGGAGTTCTACTTGAAAAGTGTTCAAAAAA  
CCACCACAAATAGAACAGTTGAAGTCAGGACTCTGAAGTCATTCTACTCTGCCAACAACT  
TTGTTCTCATCGTGTACAACGTCAAGAAAATGAGATGTTTCCATCAGAGAC  
AGTGCACACAGCGGTTCTGCTATTCCGGAGAGCATTCAAACAGTTGGACGTAGAACGAGC  
TCTGACCAAGCCCTGGGAAGTGGACATTCTCTGACCTGGATGCAGAAATTCTACAAGC  
TCT**TGA**ATGCTAGACCAGGACCTCCCTCCCCCTGGCACTGGTTGTTCCCTGTGTCATTCA  
AACAGTCTCCCTTCCTATGCTGTTACTGGACACTCAGCCCTGGCCATGGGTCCTCATT  
TTGGCCCAAGGATTATTGTCAAAGAAGTCATTCTTAAGCAGCGCCAGTGACAGTCAGGGAAAG  
GTGCCTCTGGATGCTGTGAAGAGTCAGAGAAGATTCTGTATTATTACAACCTATTT  
AATTAAATGTCAGTATTCAACTGAAGTTCTATTATTGTGAGACTGTAAGTTACATGAAGG  
CAGCAGAAATTGTGCCCATGCTTCTTACCCCTACAATCCTGCCACAGTGTGGGGCAG  
TGGATGGTGCTTAGTAAGTACTTAATAAACTGTGGCTTTTTGGCCTGTCTTGGATT  
GTTAAAAAACAGAGAGGGATGCTGGATGTAAGAAACTGAACCTCAGAGCATGAAAATCACACT  
GTCTTCTGATATCTGCAGGGACAGAGCATTGGGGTGGGGTAAGGTGCATCTGTTGAAAAG  
TAAACGATAAAATGTGGATTAAGTGCCAGCACAAAGCAGATCCTCAATAAACATTCAATT  
TCCCACCCACACTGCCAGCTCACCCATCATCCCTTCCCTGGTGCCCTCCTTTTTTT  
TATCCTAGTCATTCTCCCTAAATCTCCACTTGAGTGTCAAGCTGACCTGCTGATGGTGAC  
ATTGCACCTGGATGTAATCCAATCTGTGATGACATTCCCTGCTAATAAGACAAACATAA  
CTCCAAAAAA

## **FIGURE 4**

```
></usr/seqdb2/sst/DNA/Dnaseqs.full/ss.DNA88002
><subunit 1 of 1, 206 aa, 1 stop
><MW: 23799, pI: 9.12, NX(S/T): 3
MNFQQLQSLWTLARPFCCPPLLATASQMGMVVLPCLGFTLLLWSQVSGAQQQEFHFGPCQVK
GVVPQKLWEAFWAVKDTMQAQDNITSARLLQQEVLQNVSDAESCYLVHTLLEFYLKTVFKNH
HNRTVEVRTLKSFSTLANNFVLIVSQLQPSQENEMFSIRDSAHRRFLLFRRAFKQQLDVEAAL
TKALGEVDILLTWMQKFYKL
```

**Signal sequence:**

amino acids 1-42

**N-glycosylation sites.**

amino acids 85-89, 99-103, 126-130